

CLAIMS

- 1.- A device for collecting gravel and/or calculi expelled through the urethra particularly conceived for being used by renal patients and for the purpose of allowing and facilitating the collection of such residue expelled while urinating in any place and
5 in any circumstance, characterized in that it is constituted by means of a type of sieve of a textile nature and suitable porosity, provided at the level of its mouth with a preferably elliptical-shaped ring, associated to a handle for handling the device, with the particularity that said ring can be folded over itself to reduce the volume of the device in an inoperative situation.
- 10 2.- A device for collecting gravel and/or calculi expelled through the urethra according to claim 1, characterized in that the ring of the mouth of the sieve is carried out in two rods, there being defined in each one of them a curved section and a straight section, both rods being joined together in an articulated fashion at one of the ends of their curved section, whereas their straight sections enter the handle, one of them
15 being integrally joined to the latter, whereas the other one is able to rotate in order to allow the swiveling of one half-ring with respect to the other one.
- 3.- A device for collecting gravel and/or calculi expelled through the urethra according to claim 2, characterized in that the moving rod incorporates in the area where its curved section and straight sections meet, a side flange for locking said rod
20 that can be locked into a groove of the handle, for which purpose a proximal section is arranged in the handle which is telescopically movable with respect to said handle, in which said groove is located, such that in a retracted situation of the proximal section of the handle, the flange is located outside it, the swiveling of said rod being possible, whereas in the extended position of said section the flange is locked in the groove, the
25 fixed section of the handle further incorporating movement guides for the moving section, specifically for safety stops for the latter.
4. - A device for collecting gravel and/or calculi expelled through the urethra according to any of the previous claims, characterized in that the sieve is finished at its lower end opposite to its mouth with a cylindrical teat which allows collecting the
30 expelled gravel and/or calculi for their later medical control.
5. - A device for collecting gravel and/or calculi expelled through the urethra according to claim 4, characterized in that the fixed section of the handle incorporates a housing inside of which there is arranged a sample collection box having a series of volumetric markings intended for determining the amount of sample collected, and in
35 that a lid is arranged for the hermetic sealing of said housing.

6.- A device for collecting gravel and/or calculi expelled through the urethra according to any of the previous claims, characterized in that the collecting device itself is complemented with a case formed by two shells joined by means of a hinge, able to tightly receive inside it said collecting device duly folded and to ensure a sealed
5 closure.